

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/327,525ADATE: 02/21/97
TIME: 17:09:33

INPUT SET: S15698.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

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#17

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Chee, Mark S.
Wang, Chunwei
Jevons, Luis C.
Bernhart, Derek H.
Lipshutz, Robert J.

(ii) TITLE OF INVENTION: Computer-Aided Visualization and
Analysis System for Sequence Evaluation

(iii) NUMBER OF SEQUENCES: 39

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Townsend and Townsend and Crew LLP
(B) STREET: Two Embarcadero Center, 8th Floor
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 94111-3834

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/327,525
(B) FILING DATE: October 21, 1994
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Norviel, Vernon A.
(B) REGISTRATION NUMBER: 32,483
(C) REFERENCE/DOCKET NUMBER: 16528X-82

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 415-326-2400
(B) TELEFAX: 415-326-2422

(2) INFORMATION FOR SEQ ID NO:1:

INPUT SET: S15698.raw

47 (i) SEQUENCE CHARACTERISTICS:
48 (A) LENGTH: 15 base pairs
49 (B) TYPE: nucleic acid
50 (C) STRANDEDNESS: single
51 (D) TOPOLOGY: linear
52
53 (ii) MOLECULE TYPE: DNA (oligonucleotide)
54
55
56
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
58
59 ATGTGGACAG TTGTA 15
60
61 (2) INFORMATION FOR SEQ ID NO:2:
62
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 15 base pairs
65 (B) TYPE: nucleic acid
66 (C) STRANDEDNESS: single
67 (D) TOPOLOGY: linear
68
69 (ii) MOLECULE TYPE: DNA (oligonucleotide)
70
71
72
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
74
75 ATGTGGATAG TTGTA 15
76
77 (2) INFORMATION FOR SEQ ID NO:3:
78
79 (i) SEQUENCE CHARACTERISTICS:
80 (A) LENGTH: 15 base pairs
81 (B) TYPE: nucleic acid
82 (C) STRANDEDNESS: single
83 (D) TOPOLOGY: linear
84
85 (ii) MOLECULE TYPE: DNA (oligonucleotide)
86
87
88
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
90
91 ATGTGGAKAG TTGTA 15
92
93 (2) INFORMATION FOR SEQ ID NO:4:
94
95 (i) SEQUENCE CHARACTERISTICS:
96 (A) LENGTH: 11 base pairs
97 (B) TYPE: nucleic acid
98 (C) STRANDEDNESS: single
99 (D) TOPOLOGY: linear

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100
101 (ii) MOLECULE TYPE: DNA (oligonucleotide)
102
103
104
105 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
106
107 AAAACTGAAA A 11
108
109 (2) INFORMATION FOR SEQ ID NO:5:
110
111 (i) SEQUENCE CHARACTERISTICS:
112 (A) LENGTH: 11 base pairs
113 (B) TYPE: nucleic acid
114 (C) STRANDEDNESS: single
115 (D) TOPOLOGY: linear
116
117 (ii) MOLECULE TYPE: DNA (oligonucleotide)
118
119
120
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
122
123 AAAACCGAAA A 11
124
125 (2) INFORMATION FOR SEQ ID NO:6:
126
127 (i) SEQUENCE CHARACTERISTICS:
128 (A) LENGTH: 17 base pairs
129 (B) TYPE: nucleic acid
130 (C) STRANDEDNESS: single
131 (D) TOPOLOGY: linear
132
133 (ii) MOLECULE TYPE: DNA (oligonucleotide)
134
135
136
137 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
138
139 AAACCCAATC CACATCA 17
140
141 (2) INFORMATION FOR SEQ ID NO:7:
142
143 (i) SEQUENCE CHARACTERISTICS:
144 (A) LENGTH: 17 base pairs
145 (B) TYPE: nucleic acid
146 (C) STRANDEDNESS: single
147 (D) TOPOLOGY: linear
148
149 (ii) MOLECULE TYPE: DNA (oligonucleotide)
150
151
152

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153 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
154
155 AAACCCAGTC CACATCA 17
156
157 (2) INFORMATION FOR SEQ ID NO:8:
158
159 (i) SEQUENCE CHARACTERISTICS:
160 (A) LENGTH: 31 base pairs
161 (B) TYPE: nucleic acid
162 (C) STRANDEDNESS: single
163 (D) TOPOLOGY: linear
164
165 (ii) MOLECULE TYPE: DNA (oligonucleotide)
166
167
168
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
170
171 GGGGAAGCAG ATTTGGGTAC CACCCAAGTA T 31
172
173 (2) INFORMATION FOR SEQ ID NO:9:
174
175 (i) SEQUENCE CHARACTERISTICS:
176 (A) LENGTH: 31 base pairs
177 (B) TYPE: nucleic acid
178 (C) STRANDEDNESS: single
179 (D) TOPOLOGY: linear
180
181 (ii) MOLECULE TYPE: DNA (oligonucleotide)
182
183
184
185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
186
187 GGGGAAGCAG ATTTGAAMAC CACCCAAGTA T 31
188
189 (2) INFORMATION FOR SEQ ID NO:10:
190
191 (i) SEQUENCE CHARACTERISTICS:
192 (A) LENGTH: 59 base pairs
193 (B) TYPE: nucleic acid
194 (C) STRANDEDNESS: single
195 (D) TOPOLOGY: linear
196
197 (ii) MOLECULE TYPE: DNA (oligonucleotide)
198
199
200
201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
202
203 GCATTAGTAG AGATATGTAC AGAAATGGAA AAGGAAGGGA AAATTTCAAA AATTGGGCC 59
204
205 (2) INFORMATION FOR SEQ ID NO:11:

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206
207 (i) SEQUENCE CHARACTERISTICS:
208 (A) LENGTH: 59 base pairs
209 (B) TYPE: nucleic acid
210 (C) STRANDEDNESS: single
211 (D) TOPOLOGY: linear
212
213 (ii) MOLECULE TYPE: DNA (oligonucleotide)
214
215
216
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
218
219 GCATTAGTAG AAATTTGTAC AGAGATGGAA AAGGAAGGGA AAATTTCAAA AATTGGGCC 59
220
221 (2) INFORMATION FOR SEQ ID NO:12:
222
223 (i) SEQUENCE CHARACTERISTICS:
224 (A) LENGTH: 59 base pairs
225 (B) TYPE: nucleic acid
226 (C) STRANDEDNESS: single
227 (D) TOPOLOGY: linear
228
229 (ii) MOLECULE TYPE: DNA (oligonucleotide)
230
231
232
233 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
234
235 GCATTAGTAG AGATATGGAG AGRARDGGRA ANNNAAGGGA AAATTNNNAA AATTGGGCC 59
236
237 (2) INFORMATION FOR SEQ ID NO:13:
238
239 (i) SEQUENCE CHARACTERISTICS:
240 (A) LENGTH: 59 base pairs
241 (B) TYPE: nucleic acid
242 (C) STRANDEDNESS: single
243 (D) TOPOLOGY: linear
244
245 (ii) MOLECULE TYPE: DNA (oligonucleotide)
246
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
250
251 GCATTAGTAG AGATATGKAS AGRARDGGRA ANNNAAGGGA AAKTNNNAA AATTGGGCC 59
252
253
254 (2) INFORMATION FOR SEQ ID NO:14:
255
256 (i) SEQUENCE CHARACTERISTICS:
257 (A) LENGTH: 59 base pairs
258 (B) TYPE: nucleic acid

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SEQUENCE VERIFICATION REPORT
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Original Text